PTO-1390 (Rev. 07-2005)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| | | ATTORNEY'S DOCKET NUMBER | | | |
|--|--|--|--|--|--|
| TRANSMITTAL LETTER TO THE UN | 08830-0390US1 | | | | |
| DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371 | | U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/567,403 | | | |
| | NATIONAL FILING DATE | PRIORITY DATE CLAIMED | | | |
| PCT/GB04/03391 05 AUG | | 05 AUG 2003 (05.08.2003) | | | |
| TITLE OF INVENTION LIGATION METHOD | | | | | |
| APPLICANT(S) FOR DO/EO/US | | | | | |
| Graham COTTON Applicant herewith submits to the United States Design | ated/Elected Office (DO/E) | O/US) the following items and other information: | | | |
| | | | | | |
| This is a FIRST submission of items concerning a s | ubmission under 35 U.S.C. 37 | 1. | | | |
| 2. X This is a SECOND or SUBSEQUENT submission of | items concerning a submission | on under 35 U.S.C. 371. | | | |
| This is an express request to begin national examination, (5), (6), (9) and (21) indicated below. | ation procedures (35 U.S.C. 3 | 71(f)). The submission must include items | | | |
| 4. The US has been elected (Article 31). | | | | | |
| 5. A copy of the International Application as filed (35 | U.S.C. 371(c)(2)) | | | | |
| a. is attached hereto (required only if not c | ommunicated by the Internation | onal Bureau). | | | |
| b has been communicated by the Internat | ional Bureau. | | | | |
| c. is not required, as the application was fi | led in the United States Recei | ving Office (RO/US). | | | |
| 6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). | | | | | |
| a. is attached hereto. | | | | | |
| b. has been previously submitted under 3: | 5 U.S.C. 154(d)(4). | | | | |
| 7. Amendments to the claims of the International Ap | plication under PCT Article 19 | (35 U.S.C. 371(c)(3)) | | | |
| a. are attached hereto (required only if no | ot communicated by the Interna | ational Bureau). | | | |
| b. have been communicated by the Interest | national Bureau. | | | | |
| c. have not been made; however, the tim | c. have not been made; however, the time limit for making such amendments has NOT expired. | | | | |
| d. have not been made and will not be m | ade. | | | | |
| 8. An English language translation of the amendme | An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). | | | | |
| 9. An oath or declaration of the inventor(s) (35 U.S. | An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). | | | | |
| 10. An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). | | | | | |
| Items 11 to 20 below concern document(s) or inform | ation included: | | | | |
| 11. An Information Disclosure Statement under 37 C | An Information Disclosure Statement under 37 CFR 1.97 and 1.98. | | | | |
| 12. An assignment document for recording. A separa | An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. | | | | |
| 13. A preliminary amendment. | A preliminary amendment. | | | | |
| 14. An Application Data Sheet under 37 CFR 1.76. | An Application Data Sheet under 37 CFR 1.76. | | | | |
| 15. A substitute specification. | A substitute specification. | | | | |
| 16. A power of attorney and/or change of address let | A power of attorney and/or change of address letter. | | | | |
| 17. X A computer-readable form of the sequence listing | A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. (substitute) | | | | |
| 18. A second copy of the published International App | A second copy of the published International Application under 35 U.S.C. 154(d)(4). | | | | |

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/for suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

| | CERTIFICATE OF MAILING | UNDER 37 C.F.R. 1.10 | |
|---|------------------------------|---|--|
| EXPRESS MAIL Mailing Label Number: | EV545927266US | | |
| Date of Deposit: | June 15, 2006 | | |
| I hereby certify that this correspondence, along with any | paper referred to as being a | ttached or enclosed, and/or fee, is being deposited with the United States Postal | |
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| Signature of person mailing pa | age: | | |
| KAREN M. SEINA | | | |
| Type or print name of person | | | |

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| | S. APPLICATION NO. (if known, see 37 CFR 1.5) INTERNATIONAL APPLICATION NO. PCT/GB04/03391 | | ATTORNEY'S DOCKET NUMBER 08830-0390US1 | | | |
|---|--|--|--|---------------|------------------------|--------------|
| Other items or information: Response to Notification To Comply With Requirements For Patent Applications Containing Nucleotide And/Or Amino Acid Sequence Disclosures; copy of Notification (FORM PCT/EO/DO/922); Written (on paper) copy of substitute sequence listing: Statement To Support Submission In Accordance with 37 CFR 1.821-1.825; Postcard Receipt | | | | | | |
| The follo | wing fees have be | een submitted | | | CALCULATIONS | PTO USE ONLY |
| 21. 🔲 Basio | | | | \$ | | |
| 22. Examination fee (37 CFR 1.492(c)) | | | | i | | |
| If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations\$200 | | | \$ | | | |
| 23. Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB\$400 All other situations | | | * | | | |
| | | <u> </u> | | - | | |
| TOTAL OF 21, 22 and 23 = Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof. | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction RATE thereof (round up to a whole number) | | | | |
| - 100 = | /50 = | | | × \$250 | \$ | l l |
| Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)). | | | | \$ | | |
| CLAIMS | NUMB | ER FILED | NUMBER EXTRA | RATE | \$ | |
| Total claims | | - 20 = | | x \$50 | \$ | |
| Independent clair | ms | - 3 = | | x \$200 | \$ | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) + \$360 | | \$ | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | \$ | | | |
| Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2. | | | | | | |
| SUBTOTAL = | | | \$ | | | |
| Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)). | | | \$ | | | |
| TOTAL NATIONAL FEE = | | | \$ | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | \$ | | | |
| TOTAL FEES ENCLOSED = | | | \$ - 0 - | | | |
| | · · | | | * | Amount to be refunded: | \$ |
| | | | | | Amount to be charged | \$ |

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| а. 🔲 | A check in the amount of \$ | to cover the above fees is e | ndosed. | | |
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| c. X | The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-0573. A duplicate copy of this sheet is enclosed. | | | | |
| | Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status. | | | | | |
| | | | | | |
| SEND AL | L CORRESPONDENCE TO: | 9 | | | |
| | NIEL A. MONACO, Esq. | =:= | NATURE | | |
| | inker Biddle & Reath LLP e Logan Square | | ANIEL A. MONACO | | |
| | th and Cherry Streets | NAM | 30,480 | | |
| Phi | Philadelphia, PA 19103-6996 REGISTRATION NUMBER | | | | |
| | L: (215) 988-3312 X: (215) 988-2757 | | | | |
| IM | . (213) 300 2131 | | | | |
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE ACTING AS THE DESIGNATED/ELECTED OFFICE

In re: Patent application of Graham COTTON

Appl. No.: 10/567,403

(I.A. PCT/GB2004/03391)

Group Art Unit:

Not Yet Assigned

Filed:

(I.A. 5 August 2004 (05.08.2004))

Examiner:

Not Yet Assigned

For:

LIGATION METHOD

Confirmation No.: 2290

Mail Stop PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Sir:

This response to the NOTIFICATION TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE AND/OR AMINO ACID SEQUENCE DISCLOSURES is due on July 18, 2006 and is timely filed. No fee is believed due to support this submission. However, should any fee be due, please charge Deposit Account No. 50-0573.

Amendments to the Specification begin in Page 2.

Remarks begin on page 3.

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.10

EXPRESS MAIL Mailing Label Number:

EV545927266US June 15, 2006

Date of Deposit:

I hereby certify that this correspondence, along with any paper referred to as being attached or enclosed, and/or fee, is being deposited with the United States Postal Service, "EXPRESS MAIL—POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10, on the date indicated above, and addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Signature of person mailing page KAREN M. SPINA

Type or print name of person